

# Marie Curie Cutting Edge Practical Training Course

## Tissue engineering, stem cells and biocompatibility testing of biomaterials

August 24 – September 3, 2009, Aachen, Germany



AACHEN  
AIX-LA-CHAPELLE  
AQUIS GRANA

... heart of Europe



## Marie Curie Cutting Edge Practical Training Course

### Tissue engineering, stem cells and biocompatibility testing of biomaterials

August 24 – September 3, 2009, Aachen, Germany



#### Course venue

RWTH Aachen University Hospital  
Aachen, Germany

#### Participants

max. 25  
Preference will be given to PhD students  
in the area of cell-materials interaction  
research.  
Selection will be based on CV,  
questionnaire and a recommendation  
letter.

#### Application

Online application opens June 2009  
Early registration deadline July 5, 2009

#### Course Fees

Academia: 230 € (incl. VAT)  
Industrie: 400 € (incl. VAT)  
Fees are without accomodation

#### Grants

EU Marie Curie Fellowships are available  
for junior scientist to cover course fees  
accomodation and travel costs  
In line with EU regulations, women  
scientists are in particular encouraged to  
apply

#### Contact

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**This course will cover** key topics  
in cell-based testing of  
biomaterials, cell stress response,  
experimental implantation of  
biomaterials and tissue engineered  
implants.

Morning lectures will cover the  
theoretical parts of biomaterials  
testing and evaluation.

Afternoon practical courses will be  
conducted in small learning groups.

- biocompatibility
- ISO testing
- robotic liquid handling
- wound healing
- vitality testing
- oxidative stress and apoptosis
- flow cytometry
- basic surgical skills
- cardiovascular tissue engineering
- vascular prostheses
- nanotoxicity
- mouse histopathology
- immunological response
- molecular imaging

[www.marie-curie-2009.rwth-aachen.de](http://www.marie-curie-2009.rwth-aachen.de)

## Course fees



Academia: 230 € (incl. VAT)  
Industrie: 400 € (incl. VAT)

(incl. Course Manual, Coffee breaks, Lunch on course days, Social Events)

## Registration



All participants must register through the **InVENTScience web portal**.

<http://www.inventscience.org/>

This site will open for registration in early June.

Preference will be given to PhD students in the area of cell-materials interaction research.

Selection will be based on CV, questionnaire and a recommendation letter.

EU Marie Curie Fellowships are available to cover course fees accommodation and travel costs in line with EU regulations. See web page [InVentScience](#).



## Deadlines

### Early registration - before July 5, 2009

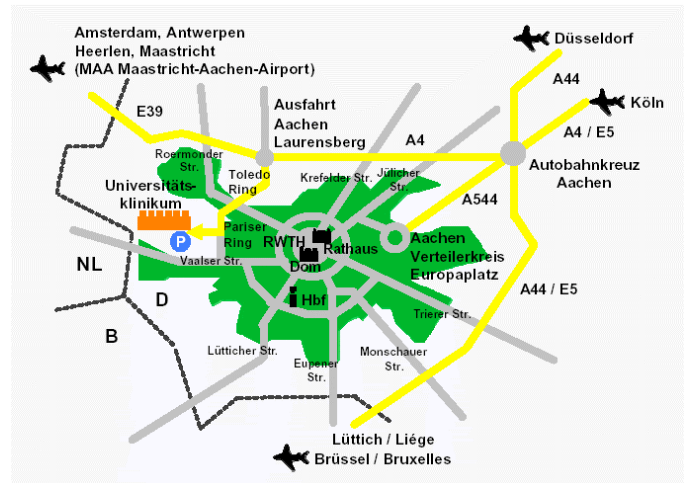
This includes hotel reservation to a reduced accommodation rate (944 € for 12 nights, single room, incl. breakfast. Arrival August 23, departure September 04, 2009)

### Late registration – after July 5, 2009

This is possible until July 26, 2009. However, late registrants will have to find their own accommodation.

## Contact

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## Venue

RWTH Aachen University Hospital. Pauwelsstrasse 30, 52074 Aachen

## Weather in Aachen

Aquis grana, Aix La Chapelle and Ach are semantic syllables in the name „Aachen“ referring to „water“. Be prepared and bring a raincoat!  
During this time of year however, the climate is usually mild and pleasant; people love to visit their street cafes, pubs and restaurants.

Weather online:

[http://www.aachen.de/de/stadt\\_buerger/aktuell/wetter.html](http://www.aachen.de/de/stadt_buerger/aktuell/wetter.html)